

Response to Quayle Action
Serial No. 09/902,566
Attorney Docket No. 010906

AMENDMENTS TO THE CLAIMS:

Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently Amended) A digital camera for subjecting an image signal of a photographed object to an image quality control, comprising:

[[A]] a pixel value detector to detect a pixel value which relates to a predetermined image quality evaluation element from each pixel signal forming said image signal;

[[A]] a first table capable of holding a plurality of reference values which relates to said predetermined image quality evaluation element;

[[A]] a second table capable of holding a plurality of target values which relates to said predetermined image quality evaluation element;

[[A]] a corrector to correct said pixel value based upon said first table and said second table; and

[[A]] a controller to control said plurality of target values arbitrarily.

2. (Currently Amended) A digital camera according to claim 1, wherein 1, wherein said corrector includes a reference value detector to detect reference values which meet a predetermined condition between said pixel value from said first table, a target value detector to detect target values corresponding to the reference values detected by said reference value detector from said second table, and a pixel value corrector to correct said pixel value based upon

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the reference values detected by said reference value detector and the target value detected by said target value detector.

3. (Currently Amended) A digital camera according to claim 2, wherein said predetermined image quality evaluation element includes a hue, said reference value detector detects two reference values which sandwich said pixel value in regard to [[a]] the hue, and said target value detector detects two target values corresponding to the two reference values detected by said reference value detector.

4. (Currently Amended) A digital camera according to claim 3, wherein said pixel value corrector includes a hue corrector to correct a hue component of said pixel value based upon hue components of said two reference values and hue components of said two target values.

5. (Currently Amended) A digital camera according to claim 3, wherein said predetermined image quality evaluation element further includes a chroma, said pixel value corrector includes a chroma corrector to correct a chroma component of said pixel value based upon chroma components of said two reference values and chroma components of said two target values.

6. (Currently Amended) A digital camera according to claim 3, wherein said predetermined image quality evaluation element further includes a luminance, said pixel value corrector

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includes a luminance corrector to correct a luminance component of said pixel value based upon luminance components of said two reference values and luminance components of said two target values.

7. (Original) A digital camera according to claim 1, wherein said controller includes a character displayer to display a character showing a target value in an area formed by a plurality of coordinate axes, a mover to arbitrarily move said character in said area and a renewer to renew the target value depending upon a position of said character moved by said mover.

8. (Original) A digital camera according to claim 7, wherein said controller further includes a color expresser to express a color defined by the target value renewed by said renewer.

9. (Currently Amended) A digital camera according to claim 7, wherein said controller further includes a target value displayer to display the target value renewed by said renewer.

10. (Currently Amended) A digital camera according to claim 1, further comprising:

a specific image signal generator to generate a specific image signal corresponding to a specific object on which a plurality of colors are drawn; and
[[A]] a reference value generator to generate said plurality of reference values based upon said specific image signal.

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11. (Currently Amended) A digital camera subjecting an image quality control to an image signal of a photographed object, comprising:

[[A]] a pixel value detector to detect a pixel value which relates to a predetermined image quality evaluation element from each pixel signal forming said image signal;

[[A]] a first table capable of holding a plurality of reference values which relates to said predetermined image quality evaluation element;

[[A]] a second table capable of holding a plurality of target values which relates to said predetermined image evaluation element; and

[[A]] a corrector to correct said pixel value based upon said first table and said second table, wherein said plurality of reference values are determined based upon a reference image signal obtained by photographing a reference object.